

ATGTGCTGTACCAAGAGTTTGCTCCTGGCTGCTTTGATGTCAGTGTGCTACTCCACCTC
M C C T K S L L L A A L M S V L L L H L

TGCGGCGAATCAGAAGCAGCAAGCAACTTTGACTGCTGTCTTGGATACACAGACCGTATT
C G E S E A A S N F D C C L G Y T D R I

CTTCATCCTAAATTATTTGGGCTTCACACGGCAGCTGGCCAATGAAGGCTGTGACATC
L H P K F I V G F T R Q L A N E G C D I

AATGCTATCATCTTTCACACAAAGAAAAGTTGTCTGTGTGCGCAAAATCCAAAACAGACT
N A I I F H T K K K L S V C A N P K Q T

TGGGTGAAATATATGTGCGTCTCCTCAGTAAAAAAGTCAAGAACATGTAA
W V K Y I V R L L S K K V K N M *

FIG.1




ATGAAAGTTTCTGCAGTGCTTCTGTGCCCTGCTGCTCATGACAGCAGCTTTCAACCCCCAG
 M K V S A V L L C L L L M T A A F N P Q  (pyroQ)
 GGACTTGCTCAGCCAGATGCACCTCAACGTCCCATCTACTTGCTGCTTCACATTAGCAGT
 G L A Q P D A  (pyroQ)
 AAGAAGATCTCCTTGCCAGAGGCTGAAGAGCTATGTGATCACCACCAGCAGGTGTCCCCCAG
 K K I S L Q R L K S Y V I T S R C P Q
 AAGGCTGTCACTTTCAGAACCAAACTGGGCAAGGAGATCTGTGCTGACCCCAAAGGAGAAG
 K A V I F R T K L G K E I C A D P K E K
 TGGGTCCAGAATTATGAAACACCTGGGCCGGAAGCTCACACCCCTGAAGACTTGA
 W V Q N Y M K H L G R K A H T  L K T *

FIG.2

cdNA	Sequence	Reverse
MKVS	AVLLCL LLMTAAFN PQ GLAQPDALNV PSTCCCTFSS KKISLQRLKS YWITTSRCPQ KAVIFRTKLG KEICADPKEK WQNYMKHLG	RKAHTLTKT
Bac 1	..... FNPQ GLAQPDALNV PSTCCCTFSS KKISLQRLKS YWITTSRCPQ KAVIFRTKLG KEICADPKEK WQNYMKHLG	RKAHTLTKT
Bac 2	..... LAQPDALNV PSTCCCTFSS KKISLQRLKS YWITTSRCPQ KAVIFRTKLG KEICADPKEK WQNYMKHLG	RKAHTLTKT
Bac 3	..... *QPDALNV PSTCCCTFSS KKISLQRLKS YWITTSRCPQ KAVIFRTKLG KEICADPKEK WQNYMKHLG	RKAHTLTKT
Dro1	..... *Q GLAQPDALNV PSTCCCTFSS KKISLQRLKS YWITTSRCPQ KAVIFRTKLG KEICADPKEK WQNYMKHLG	RKAHTLTKT
Dro2	..... GLAQPDALNV PSTCCCTFSS KKISLQRLKS YWITTSRCPQ KAVIFRTKLG KEICADPKEK WQNYMKHLG	RKAHTLTKT
Dro3+	..... LNV PSTCCCTFSS KKISLQRLKS YWITTSRCPQ KAVIFRTKLG KEICADPKEK WQNYMKHLG	RKAHTLTKT

* GLUTAMINE OR PYROGLUTAMATE

ITALICS HETEROGENEOUS CARBOXYL TERMINI

HOMOLOGY COMPARISONS

MCP-3 QPVGINT STTCCYRFIN KKIPKQRLES YRRITSSHCPR EAVIFKTKLD KEICADPTQK WVQDFMKHLD KKTQTPLK

MCP-4 MKVSAVLLCL LLMTAAFNQ GLAQPDALNV PSTCCFTFSS KKISLQRLKS YVITT-SRPCQ KAVIFRTKLG KEICADPKEK WVQNYMKHLG RKAHTLKT

Eotaxin GPASV PTTCCFNLNAN RKIPLQRLES YRRITSGKCPQ KAVIFKTKLA KDICADPKKK WVQDSMKYLD QKSPTPKP

FIG. 5

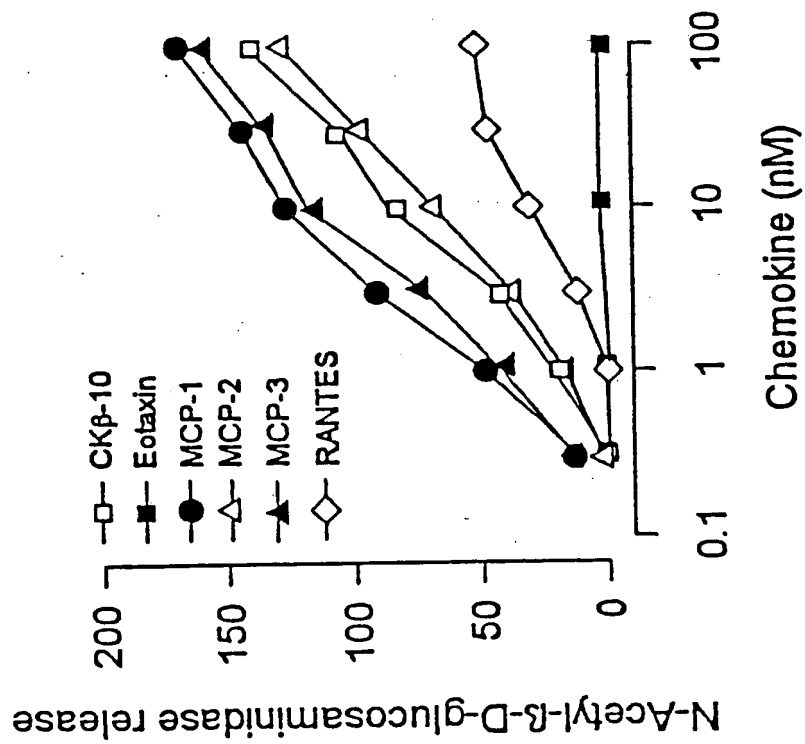


FIG.6A

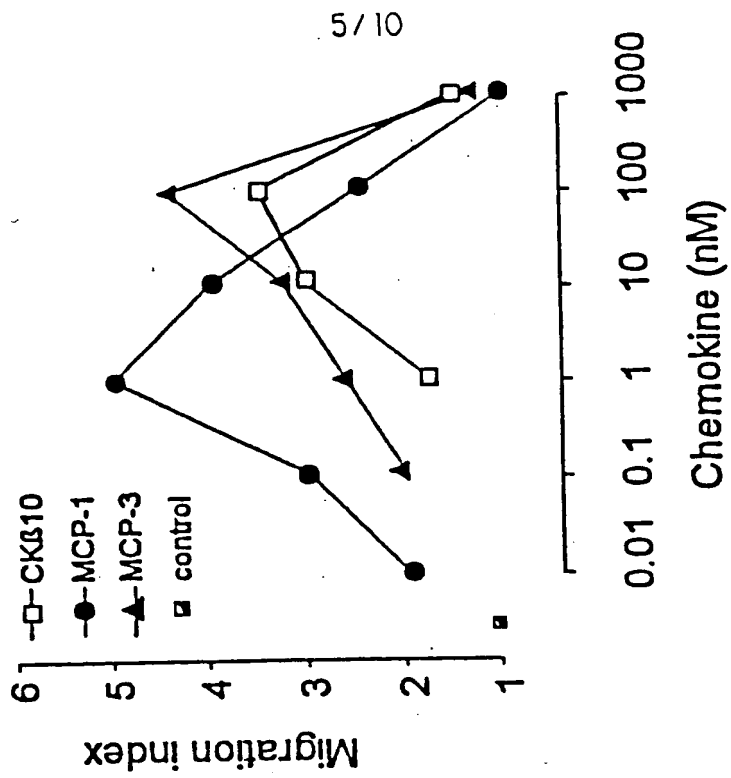


FIG.6B

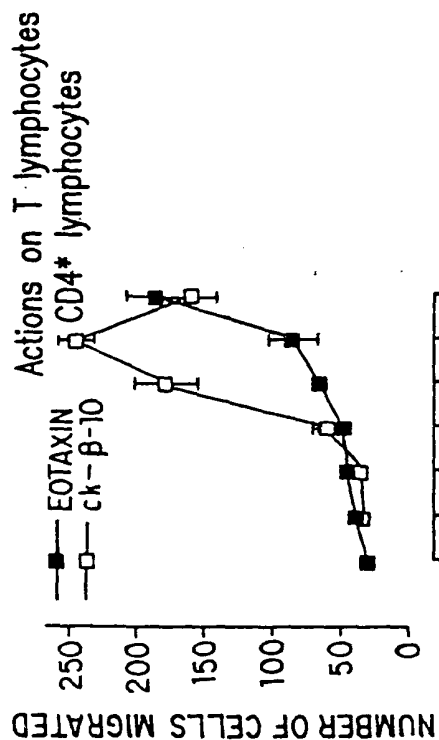


FIG.7B

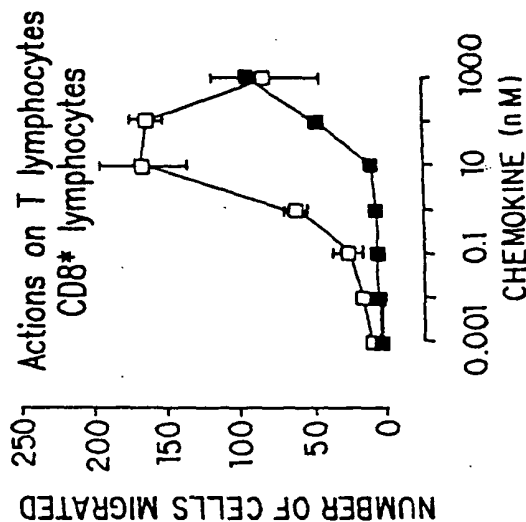


FIG.7D

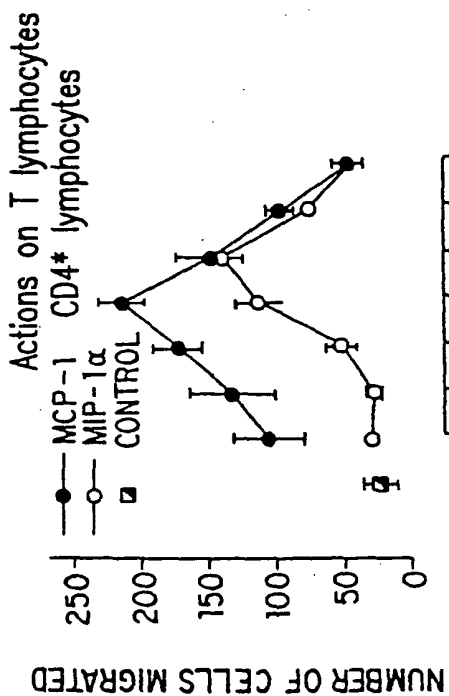


FIG.7A

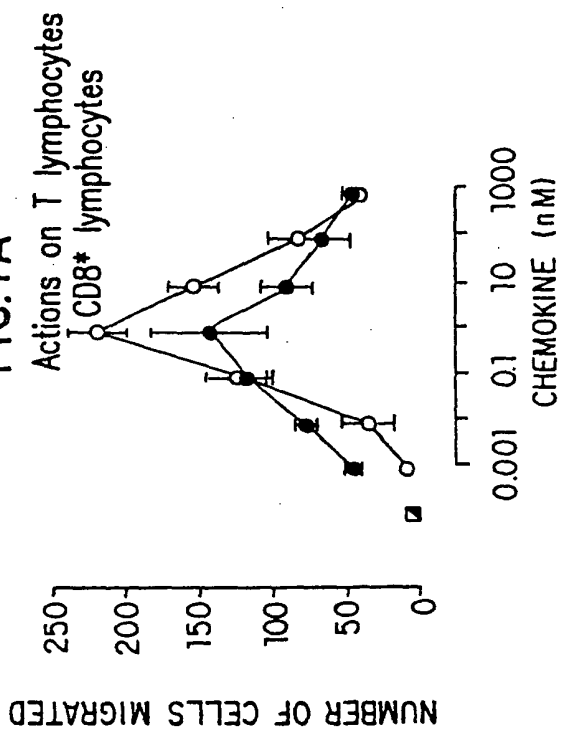


FIG.7C

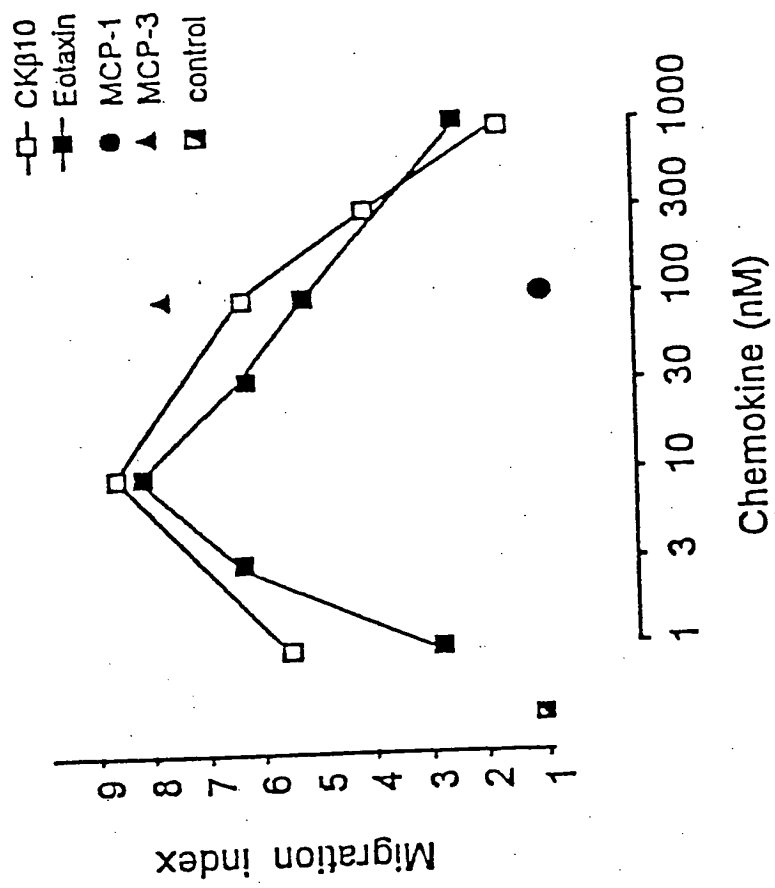


FIG.8B

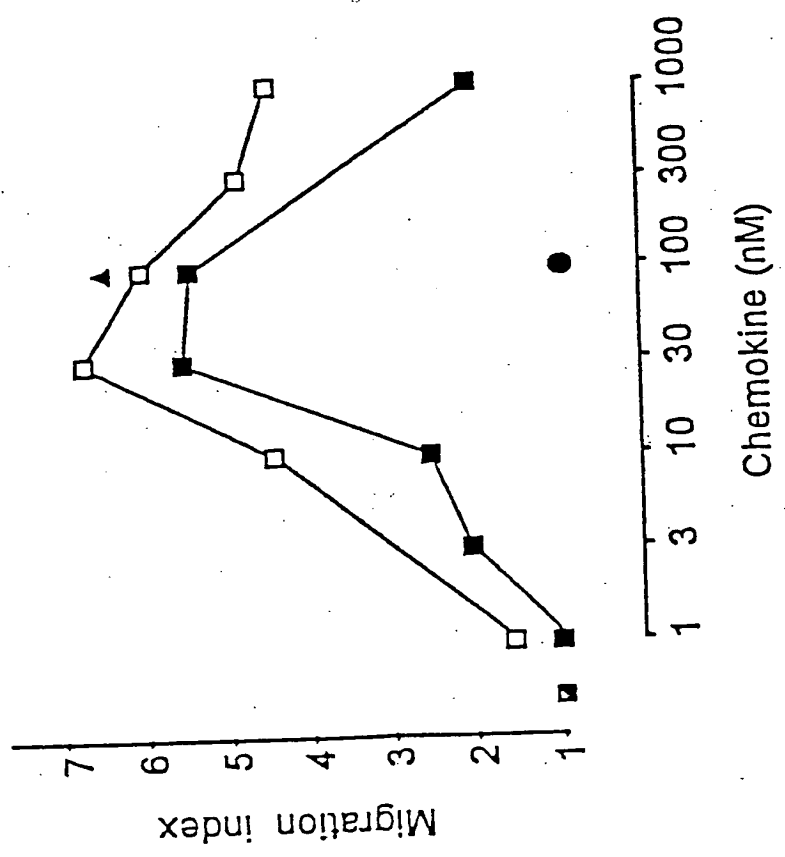


FIG.8A

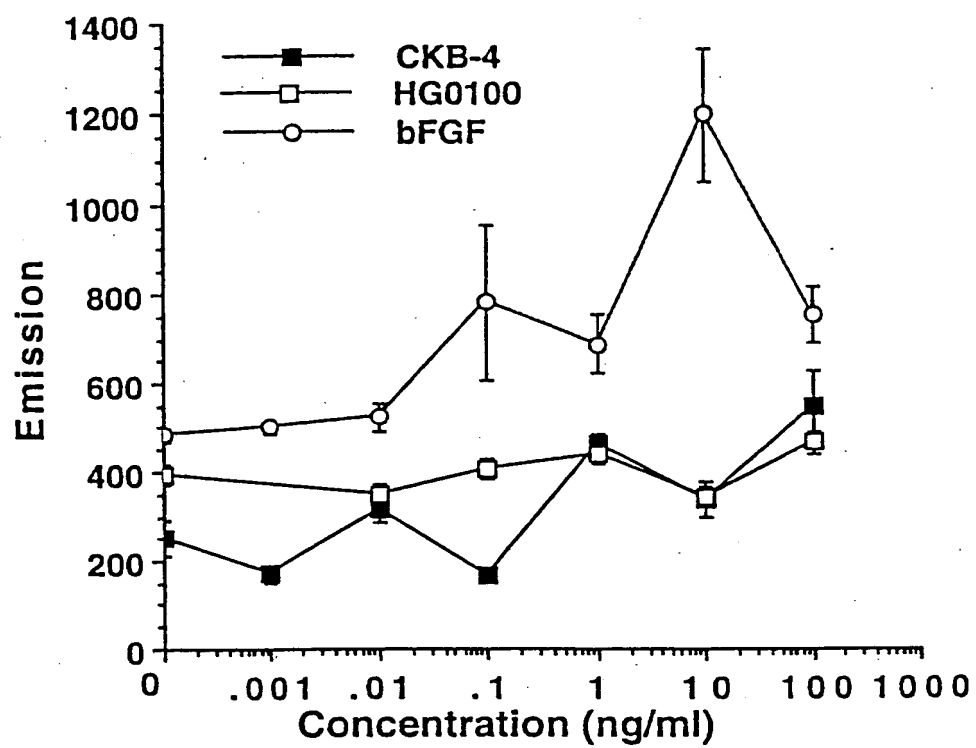


FIG. 9

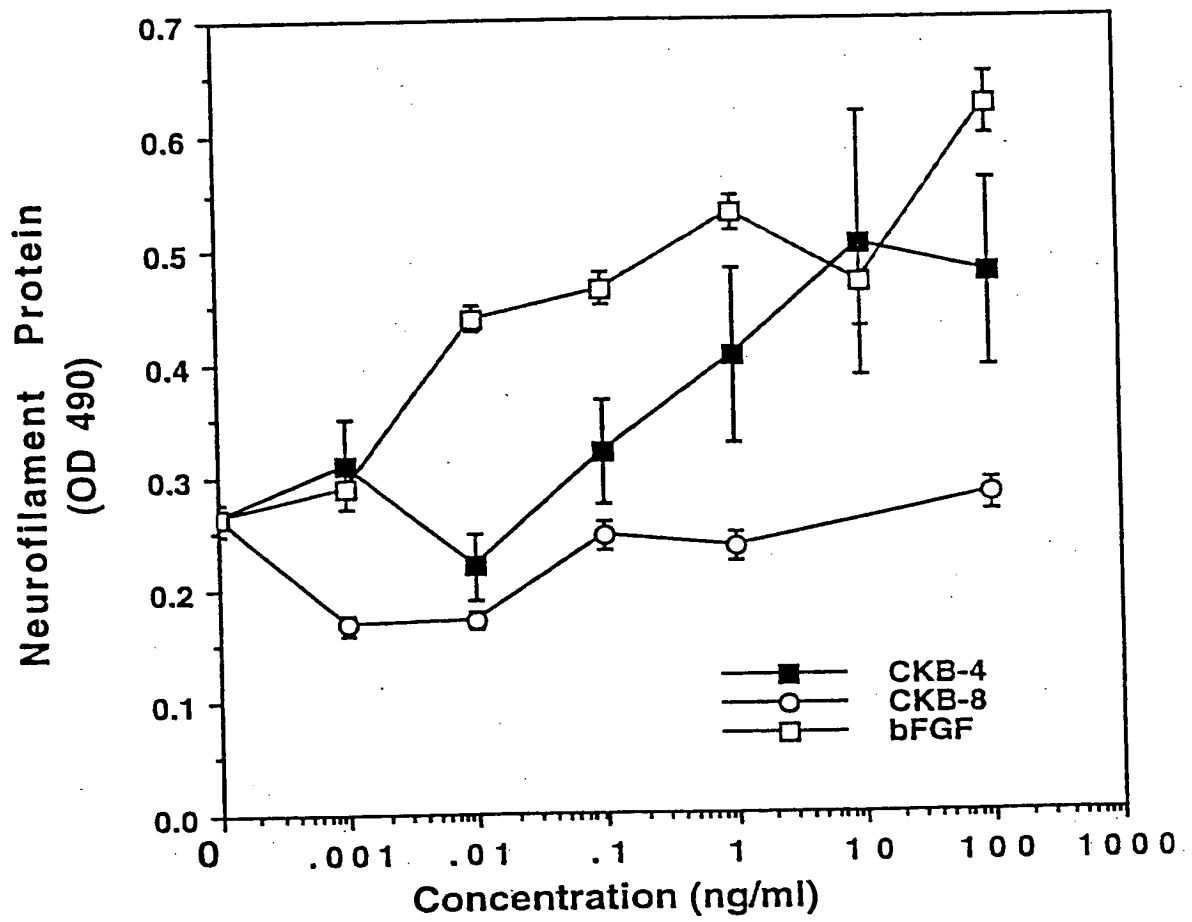


FIG. 10

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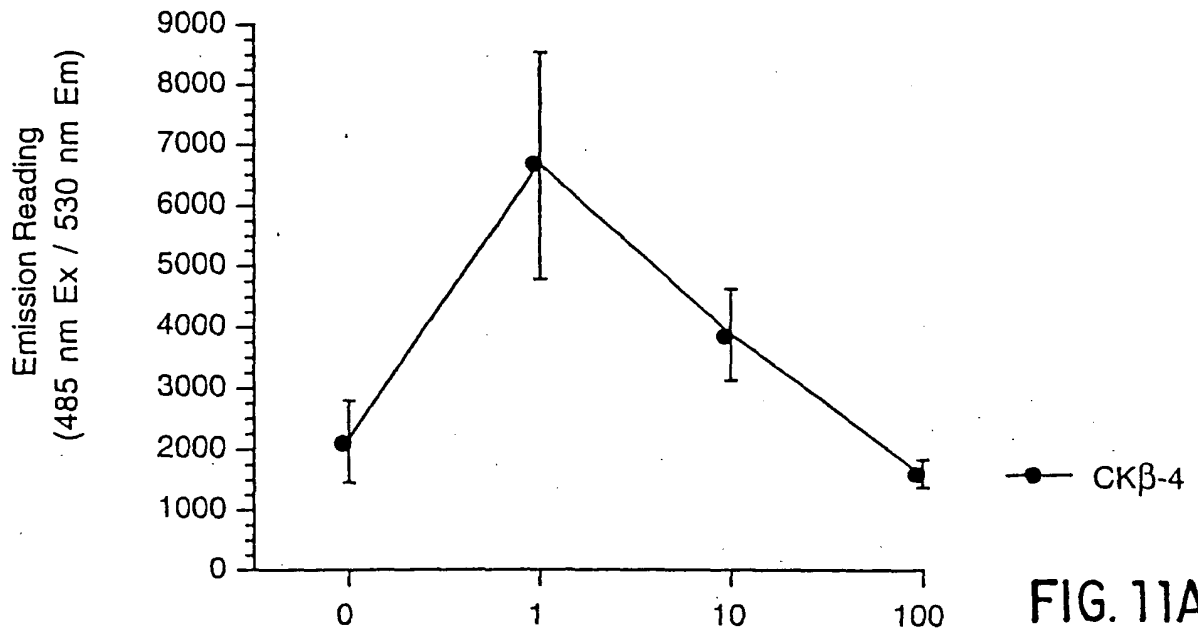


FIG. 11A

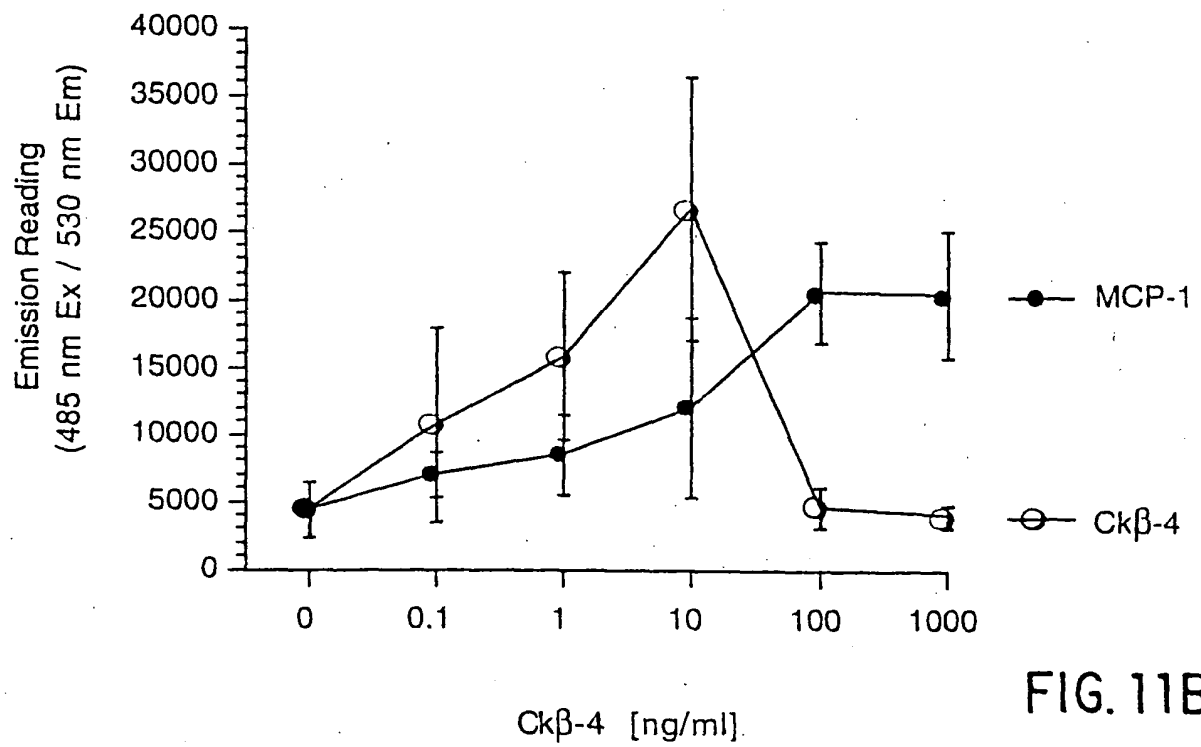


FIG. 11B